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Ceramic Society; Sullivan W. Jones, J. A. F. Cardiff, American Institute of Architects; Geo. F. Weston, American Society of Agricultural Engineers; F. L. Pryor, American Society of Refrigerating Engineers; H. W. Peck, American Gas Institute; Nicholas Hill, American Water Works Association; Edwin J. Prindle, L. P. Alford, L. P. Breckenridge, American Society of Mechanical Engineers; F. J. T. Stewart, National Fire Protection Association; J. J. Blackmore, American Society of Heating and Ventilating Engineers; C. F. Clarkson, Society of Automobile Engineers; F. L. Bishop, Society for the Promotion of Engineering Education; George R. Olshausen, U. S. Bureau of Standards; E. C. Crittenden, American Physical Society; Alfred Rigling, Franklin Institute; W. P. Cutter, American Institute of Mining Engineers; Edgar Marburg, American Society for Testing Materials; A. S. MacAllister, National Electric Light Association. American Electro-Chemical Society and Illuminating Engineering Society; C. E. Lindsay, American Railway Engineering Association; G. W. Lee, librarian.

The executive committee was charged with the task of enlarging the membership of the committee to include delegates from all similar national organizations, and the preparation of a plan for further action.

The delegates present expressed most hearty and enthusiastic personal interest in any system which might be worthy of general adoption; they could, of course, not promise, at this early date, anything more than moral support to the idea, reserving for themselves and for their societies the right to thoroughly examine any system that might be evolved before recommending its adoption.

The name adopted for this organization is "Joint Committee on Classification of Technical Literature," and the temporary address of the Secretary, Mr. W. P. Cutter, is 29 West 39th Street, New York City.

THE NINETEENTH INTERNATIONAL CONGRESS OF AMERICANISTS

IN consequence of the war in Europe, the Washington meeting of the Congress, which

was originally scheduled for October 5, 1915, was, with the general approval of the membership, indefinitely postponed. Since then it has become evident that the war may last for a long period, and that when it does end the conditions, economic and otherwise, may be such that a successful meeting can not be held for many years. Circumstances, however, have so shaped themselves as to make possible a well-attended session of the congress during the coming winter, notwithstanding the enforced absence of most of the European delegates. During Convocation Week of this year, a number of important scientific bodies, whose interests wholly or in part are closely related to those of the Americanists and whose membership is in a large measure the same, will meet in Washington. As this seemed to present an excellent opportunity for a meeting of the Americanists, the organizing committee took preliminary steps which assure intimate cooperation between the Congress and other learned bodies and submitted the proposal to hold the postponed session in cooperation or jointly with these organizations, to the vote of the members. The result of this vote was overwhelmingly in favor of the proposal. In consequence, the organizing committee feels authorized to announce that the session will be held in Washington, December 27-31, of this year; and that it will be held jointly or in cooperation with the Anthropological Section of the Pan-American Scientific Congress, the American Anthropological Association, the American Historical Association, the American Folklore Society, and the Archeological Institute of America. The program previously published will in the main be adhered to, excepting the field excursions; and the members are urged to communicate with the secretary in relation to the papers which they intend to present.

W. A. HOLMES,
Chairman, O. C.
A. HRDLÍČKA,
Secretary

SCIENTIFIC NOTES AND NEWS

DR. W. W. CAMPBELL, president of the American Association for the Advancement of

Science, will deliver an address at the opening session of the Pacific coast meeting, held at the Scottish Rite Auditorium, San Francisco, on the morning of August 2. Dr. C. W. Eliot, the retiring president of the association, is unable to be present.

THE thirteenth annual session of the South African Association for the Advancement of Science was held at Pretoria, from Monday, July 5, to Saturday, July 10, under the presidency of Mr. R. T. A. Innes, union astronomer.

THE Trail award and medal of the Linnean Society for 1915 has been presented to Dr. Leonard Doncaster, and the Linnean gold medal to Mr. J. H. Maiden, of Sydney, New South Wales.

AT its recent commencement Oberlin College conferred its doctorate of science on Dr. Charles A. Kofoid, professor of zoology in the University of California.

AT a convocation of the University of Oxford on June 25 the honorary degree of master of arts was conferred on Mr. Horatio P. Symonds, surgeon to the Radcliffe Infirmary, in recognition of his services to the Oxford Medical School.

AMONG knights created on King Albert's birthday the following are given in *Nature* as those engaged in scientific work: Mr. C. E. Fryer, superintending inspector of fisheries division of the Board of Agriculture and Fisheries since 1903; Mr. R. R. Gales, Indian Public Works Department, engineer-in-chief, Hardinge Bridge, Sara, Bengal; Dr. J. Mackenzie, F.R.S., lecturer on cardiac research at the London Hospital; Dr. T. Muir, F.R.S., superintendent-general of education, Province of the Cape of Good Hope, Union of South Africa; Mr. W. Pearce, director of William Pearce and Sons (Limited) and Spencer, Chapman, and Mensel (Limited), chemical manufacturers; Mr. E. Rigg, since 1898 superintendent of the operative department of the Royal Mint; Dr. W. N. Shaw, F. R. S., director of the Meteorological Office since 1905 and reader in meteorology in the University of London since 1907; Mr. W. Slingo, engineer-in-chief of the General Post Office.

MR. HERBERT LANG has been appointed assistant in mammalogy and Mr. James P. Chapin assistant in ornithology in the American Museum of Natural History. Mr. Lang and Mr. Chapin have also been elected life members of the museum in recognition of their efficient services in conducting the Congo expedition.

A GRANT of £50 has been made from the Balfour Fund of the University of Cambridge to enable Mr. G. Matthai, of Emmanuel College, to visit America in furtherance of his researches on the comparative anatomy and classification of the Madreporaria.

DR. FREDERICK BURR LA FORGE, of the staff of the Rockefeller Institute for Medical Research, has been appointed expert in organic chemistry in the U. S. Department of Agriculture. Dr. Benjamin S. Kline, also of the staff of the institute, has been appointed resident pathologist of the Montefiore Home for Chronic Invalids, and in connection with this appointment he has also undertaken work in the department of pathology of the College of Physicians and Surgeons, Columbia University.

DR. M. SULLIVAN has resigned from the division of soil fertility of the U. S. Department of Agriculture, Washington, D. C., and has accepted the position of bio-chemist of the U. S. Public Health Service. Dr. Sullivan will be engaged in the biochemical study of pellagra with headquarters at the pellagra hospital, Spartanburg, S. C.

DR. NEVIN M. FENNEMAN, professor of geology at the University of Cincinnati, will have his year's leave of absence next year. Dr. Guy A. Tawney, professor of philosophy at Cincinnati, will return in the fall after a year's study at Oxford, England.

DR. LATTITIA M. SNOW, associate professor of botany in Wellesley College, has been granted a leave of absence for 1915-16. She expects to study in several institutions but her address for the year will be department of botany, University of Chicago.

MESSRS. H. E. ANTHONY and D. S. BALL have returned from an expedition to the moun-

tains of the Isthmus of Darien in eastern Panama, bringing with them for the American Museum of Natural History a collection of 1,100 birds and 250 mammals, many of which are new to the museum's collections and some undoubtedly new to science.

DR. F. W. PENNELL, associate curator of the New York Botanical Garden, is engaged in collecting in the Rocky Mountain region of Colorado, the Wahsatch Mountains of Utah and the Yellowstone National Park. The object of the trip is to study and collect plants of Scrophulariaceæ. *Pentstemon* and *Castilleja* are the principal genera to be found in this region. He also asks the cooperation of collectors throughout the country in respect to this family, as many critical problems can only be solved after the accumulation of ample material.

DR. C. K. SCHNEIDER, of Vienna, who has recently been engaged in botanical exploration in western China, has been visiting the botanical institutions of the United States. Dr. Schneider is an authority on woody plants.

THE schooner *George B. Cluett*, chartered by the Crocker Land relief expedition to go in quest of Donald B. MacMillan and the members of his party in Greenland, expected to sail from North Sydney, Nova Scotia, on July 10. Dr. Edmund Otis Hovey, of the American Museum of Natural History, chairman of the Crocker Land Exploration Committee, is in charge.

ON July 7, Professor C. J. Keyser, of Columbia University, delivered an address on "The Human Worth of Rigorous Thinking," before the mathematics section of the California High School Teachers' Association, at the University of California. On the evening of July 12 he presented a paper on science and religion before the Chit-Chat Club of San Francisco at a meeting held at the University Club of San Francisco.

SIR WILLIAM RAMSAY gave the address on July 1 at the annual meeting of the British Science Guild on "The National Organization of Science."

THE annual general meeting of the Eugenics Education Society was held on July 1, when the presidential address was delivered by Major Leonard Darwin on the subject, "Eugenics during and after the War."

DR. S. ALEXANDER, professor of philosophy in the University of Manchester, has been appointed to the post of Gifford lecturer at the University of Glasgow for the period of 1916-1918.

THROUGH the generosity of an anonymous donor, a lectureship has been established at the Mount Sinai Hospital named after the late Dr. Edward G. Janeway, who was for many years associated with the medical staff. The foundation has been created for the purpose of inviting important investigators to present the results of their work to the staff of the hospital.

THE centenary of the birth of David Waldie, who suggested a trial of chloroform as an anesthetic to Sir James Simpson, has been commemorated by a bronze tablet, placed on the house in Linlithgow where he lived for some time. It has on it a portrait of Waldie, with an inscription in which he is described as a pioneer in anesthetic research.

IN SCIENCE for July 9 the death was recorded of Professor Pieter Zeeman, of the University of Leiden. Unfortunately he was confused in this and other journals with Professor Pieter Zeeman, of the University of Amsterdam, the well-known discoverer of the magnetic resolution of spectral lines. Physicists will regret the loss of the distinguished professor of theoretical and geometrical mechanics in the University of Leiden, but will be glad to know that work of such fundamental importance as that done in the Amsterdam laboratory on the spectrum is not to be interrupted by the untimely death of its author.

PROFESSOR FREDERICK PRIME, who held the chair of natural history in Girard College, Philadelphia, and had previously been professor of geology and metallurgy in Lafayette College, one of the secretaries of the American Philosophical Society, has died at the age of seventy years.

MRS. W. W. MAYO, aged ninety years, wife of the late Dr. W. W. Mayo, founder of the Mayo Clinic and Surgical Institute, Rochester, Minn., and mother of the distinguished surgeons, Dr. W. J. Mayo and Dr. C. H. Mayo, has died.

MR. HOWARD MARSH, master of Downing College, and professor of surgery in the University of Cambridge, died on June 24, aged seventy-five years.

DR. R. H. LOCK, inspector at the British Board of Agriculture and Fisheries, sometime fellow of Gonville and Caius College, Cambridge, died on June 26, at thirty-six years of age.

DR. G. C. M. MATHISON, known for his work on the physiology of respiration, and Lieutenant R. B. Woosnam, who has conducted zoological explorations, have been killed at the Dardanelles.

JOSEPH FARRIGAN, prominent mining engineer and entomologist, died at his home in St. Louis, on May 9, at the age of fifty-eight years. He was an authority on the aphididae and a coworker with C. V. Riley, in the later seventies.

MR. F. H. NEVILLE, F.R.S., fellow of Sidney Sussex College, Cambridge, distinguished for his contributions to metallurgy, has died at the age of sixty-eight years.

CAPTAIN J. W. JENKINSON, late fellow of Exeter College, Oxford, and university lecturer in embryology, was killed on June 4 in the trenches in Gallipoli. He was forty-three years of age.

DR. CHAILLON, head of the anti-rabies department of the Pasteur Institute, having demanded and obtained the perilous mission of disinfecting a battlefield near the enemy's trenches, was killed in fulfilling this service.

DR. ALEXANDER R. CRAIG, of Chicago, secretary of the American Medical Association, reports that its membership has increased from 74,235 in 1914 to 76,020 in 1915.

THE twenty-second summer meeting of the American Mathematical Society will be held at the University of California and Stanford

University, Tuesday to Thursday, August 3-5. Tuesday morning will be devoted to a joint session with the American Astronomical Society and Section A of the American Association for the Advancement of Science. Separate sessions of the Mathematical Society will be held on Tuesday afternoon and on Thursday at Berkeley and on Wednesday at Stanford University.

THE mid-summer field meet of the American Fern Society was held at Jamesville, N. Y. Members and their friends assembled on Tuesday evening, July 13, at the home of Mr. Wm. Spalding, 405 Comstock Ave., Syracuse, N. Y. Excursions were arranged under the guidance of Dr. Benedict, Dr. Todd and Mrs. H. E. Ronsier on days following.

THE preliminary list of awards by the Panama-Pacific International Exposition gives the Department of the Interior collective exhibit one grand prize. The exhibit of the Geological Survey receives one grand prize, four medals of honor, five gold medals, six silver medals, and two bronze medals. The Bureau of Mines receives one grand prize, six medals of honor, three gold medals, and three silver medals.

CONSTITUTIONALITY of the Illinois pure food law prohibiting in effect sale of a food preservative containing boric acid was upheld on June 21 by the Supreme Court. Justice Hughes, for the court, held that validity of the law must be upheld unless the defendant showed there was no doubt about boric acid being wholesome. The court held he had failed to do so.

A CIRCULAR has been issued by Dr. J. B. de Lacerda, the director of the National Museum in Rio de Janeiro, calling attention to the fact that on June 7, the collection of mineralogy in that institution was robbed of a green aquamarine weighing 11 kilos and 800 grams, two topazes, and a number of small diamonds. Dr. Lacerda requests mineralogists and directors of museums in North America to communicate instantly with him by telegraph, at his expense, in case these objects are offered for sale, and authorizes those to whom they

may be offered to take such steps as may be necessary to secure the return of the stolen property to the National Museum of Brazil.

THE *American Museum Journal* states that through interest created by the Roosevelt South American expedition, the Museum has received six hundred birds and fifty mammals, presented by the Goeldi Museum of Pará, through its director of zoology, Dr. Emilie Snethlage. The members of the North American expedition when passing through Pará in May, 1914, called on Dr. Snethlage to examine the rich collections of Amazonian fauna which she, and her predecessor Doctor Goeldi, have amassed. Dr. Snethlage writes that shortly after the Roosevelt party passed through Pará she herself embarked on an expedition into the unexplored portions of the Upper Xingú, on which she was absent seven months.

PREPARATIONS for an enrollment of a hundred students at the summer session of the Puget Sound Marine Station have been made by Dr. Theodore C. Frye, acting dean of the college of science and director of the biological plant at Friday Harbor. Dr. Frye recently returned from the station, having spent several days there arranging for the season's work. Last year there were 43 students, practically all of whom were college graduates, doing research work. This year parties are expected from educational institutions in Illinois, Minnesota, Kansas, Nebraska and Utah. An improved water supply is afforded the station this year. Heretofore deep wells have furnished the water, which was not, however, good for experimental purposes. Friday Harbor now gets its supply from Echo Lake, and mineral content will no longer be a handicap. A new gravel road from the station to the town of Friday Harbor is another convenience completed this year. The shrimp steamer *Violet*, which was chartered last year, will again dredge for laboratory material, which abounds at the bottom of the harbor at a depth of about 100 fathoms.

THE Lake Laboratory of the Ohio State University at Cedar Point, is this year under the direction of Professor Herbert Osborn, head of the department of zoology. Edward L.

Fullmer, M.Sc., of Baldwin Wallace College at Berea, Ohio, will supervise the work in botany. Professor Frederick H. Kreeker, of the department of zoology of the Ohio State University, and Professor S. R. Williams, of Miami University, will have charge of the work in zoology. Charles G. Shatzer, M.A., of Wittenberg College, will teach the classes on birds. The laboratory is situated on the shore of Sandusky Bay, where students have access to marshes, river, forests, sandy beaches and rocky islands. At Put-in-Bay is the United States fish hatchery, and glacial groves are at Kelly's Island.

ON June 18, 1915, the Board of Estimate and Apportionment of New York City passed a resolution authorizing the issue of \$100,000 corporate stock of the City of New York to provide means for permanent improvements at the Brooklyn Botanic Garden, including the completion of the laboratory building and plant houses. This action was taken following the generous offer of Mr. Alfred T. White, chairman of the Botanic Garden Committee of the Brooklyn Institute trustees, to secure a like sum by private subscription. The amount was subscribed by Mr. White, and the donors of the original endowment of the garden. Plans are now being prepared for the completion of the buildings, only one fifth of which are now erected. It is expected that ground will be broken this coming fall.

Nature calls attention to the forthcoming sale of Stonehenge by auction. The property is under the protection of the Ancient Monuments Act, which ensures its preservation; and the auctioneers, Messrs. Knight, Frank and Rutley, 20 Hanover Square, W., announce that Sir Cosmo Antrobus, who is only tenant for life, proposes, if his powers permit him to do so, to impose conditions providing for the public having access thereto for all time. It is hoped, however, that Stonehenge may be bought either by the government or by a learned society, and if any reasonable proposal be made for its acquisition with the intention of preserving the monument in the public interest, the auctioneers are instructed to facilitate a sale by private treaty before the auction.

ENGLISH journalists state that the British Institute of Industry and Science, acting in cooperation with the British Empire Exhibition Association, is promoting on a wide scale an exhibition of the national resources of the empire, which will be opened at the beginning of next year in a handsome building to be erected on the Aldwych site, where the existing offices of the institute are situated. The purpose of the exhibition is to demonstrate to the public, as well as to manufacturers and industrialists, the potentialities of the empire as contained in its natural resources. The various dominions and colonies are cooperating in the scheme, and each colony will, with the advice of the central body, organize its own particular section of the exhibition. The cost of the project will be about £50,000, which has been provided for through the generosity of the directors of the institute. The exhibition will, it is expected, remain open during the whole of next year.

UNIVERSITY AND EDUCATIONAL NEWS

THE Medical College of the University of Cincinnati has received several large donations during the past month. Mrs. Mary M. Emery promised the university the sum of \$250,000 for a new Medical College Building, on the condition that an additional \$250,000 be raised by July 1 for its equipment and maintenance. At the appointed time, Dean C. R. Holmes, of the College of Medicine, announced that \$250,000 had been secured. The new structure will be located on grounds adjacent to those of the Cincinnati General Hospital, which occupies 24 buildings and covers 27 acres, and which offers unusual opportunities for clinical instruction. The sum of \$30,000 has just been raised by citizens of Cincinnati for the purpose of maintaining for three years a chair of medicine in the Medical College. The chair will be known as the Frederick Forchheimer chair of medicine, in honor of the late Dr. Frederick Forchheimer, who was for years professor of medicine at the Medical College. Dr. Robert S. Morris, lately of Clifton Springs, New York, and formerly of Ann Arbor and of Johns Hopkins University, has been appointed to the new position.

ON June 8, during the commencement week at De Pauw University, the corner stone of the new Bowman Memorial Gymnasium was laid with appropriate ceremonies. The building will cost over \$100,000.

THE new Honan Biological Institute at University College, Cork, has been completed, as we learn from the *British Medical Journal*, owing to the generosity of the trustees of the estate of the late Miss Honan, and forms a handsome group of buildings, situated near the plant houses which were the gift of the late William Crawford, of Lakelands. The biological laboratory was a small building, much too cramped for the teaching of the students, much less for the research work which has always been a feature of the college. In the new building ample room has been provided for the study of zoology, botany and geology. There are junior and senior zoological and botanical laboratories, as well as research rooms, geological and geographical laboratories, and a large semicircular lecture theater, lit from the roof, and capable of accommodating about 100 students.

THE summer session of the University of California for 1915 by June 30, nine days after the beginning of the six-weeks term, had enrolled 5,420 students, which was more than 2,000 more than on a corresponding date the year before and which was only 52 less than the largest total registration at any one time in the academic colleges and graduate school for the fall or spring sessions excluding students in the professional colleges.

AMONG instructors appointed at the Massachusetts Institute of Technology are: Barnum B. Libby and George Rutledge, mathematics; Walter A. Patrick, theoretical chemistry; Clark S. Robinson and Frederic H. Smyth, inorganic chemistry. Promotions include: Robert P. Bigelow, associate professor of zoology and parasitology; W. Felton Brown, associate professor of freehand drawing; Harold A. Everett, associate professor of naval architecture; Henry B. Phillips, assistant professor of mathematics; Kenneth C. Robinson and Geo. H. Clark, instructors in mechanical engineering; John E. Bird, instructor in mechanical